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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Jose Andres Morales Garzon et al.

International Application No.: PA/a/2003/003959 Confirmation No.: 5869

International Filing Date: March 18, 2003

Serial No.: 10/803,609

Filed: March 18, 2004

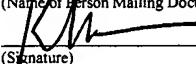
Confirmation No.: 5869

Group Art Unit: 1645

For:

USE OF IMMUNOGLOBULINS FROM EGG YOLKS TO  
TREAT INFECTIONS CAUSED BY PARASITES BOTH IN  
ANIMALS AND IN HUMANS

Commissioner for Patents  
P.O. Box 1450  
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Dear Sirs:

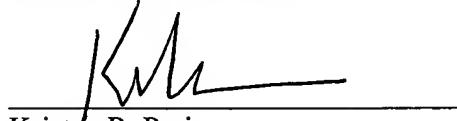
## INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §1.56, Applicants submit this statement. This submittal is made in accordance with 37 C.F.R. §§1.97 and 1.98 and §609 of the Manual of Patent Examining Procedure. The patents, publications and other information herein are listed on the attached Form PTO/SB/08B. Copies of the listed references are submitted herewith.

Applicants hereby expressly reserve the right to swear behind the effective dates of any of the above patents and other publications and to question the relevance and materiality of the Patents and Publications listed herein, in whole, in part, or in combination, subsequent to filing this Information Disclosure Statement.

It is believed no fee is due for submission of this paper. If this is incorrect, the Commissioner is hereby authorized to charge any fee due to Locke Liddell & Sapp LLP Deposit Account No. 12-1781.

Respectfully submitted,



\_\_\_\_\_  
Kristen R. Paris  
Registration No. 52,092

Date: August 20, 2004

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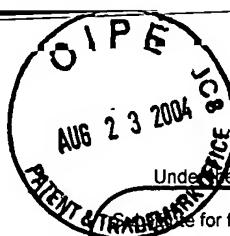
Substitute for form 1449/PTO		<b>Complete if Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	10/803,609		
		Filing Date	March 18, 2004		
		First Named Inventor	Garzon		
		Art Unit	1645		
		Examiner Name	Unknown		
Sheet	2	of	2	Attorney Docket Number	44862 / 00002

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	6	LARSSON, A. et al., Chicken Antibodies: A Tool to Avoid Interference by Complement Activation in ELISA, Journal of Immunological Methods, 1992, pp. 79-83, vol. 156, Elsevier Science Publishers B.V.		
	7	LARSSON, A. et al., Chicken Antibodies: Taking Advantage of Evolution - A Review, Poultry Science, 1993, pp. 1807-1812, vol. 72		
	8	MARQUARDT, R., Antibody-loaded Eggs for Piglets: Prevention of Mortality of Baby Pigs from Diarrhea, Proceedings of the Second International Symposium on Egg Nutrition and Newly Emerging Ovo-Technologies, 1998, p. 39, Alberta, Canada		
	9	SCHADE, R. et al., The Production of Avian (Egg Yolk) Antibodies: IgY, ATLA., 1996, pp. 925,-934, vol. 24		
	10	TIZARD, I.R., Principios generales de vacunacion y vacunas, 1998, pp. 295-313, Immunologia Veterinaria, 5aEd., McGraw-Hill (English translation is: Vaccination and Vaccines, 1996, pp. 265-284, Veterinary Immunology, 5th Ed., W.B. Saunders Company)		
	11	YOKOYAMA, H. et al., A Two-Step Procedure for Purification of Hen Egg Yolk Immunoglobulin G: Utilization of Hydroxypropylmethylcellulose		
		Phthalate and Synthetic Affinity Ligand Gel (Avid AL), Poultry Science, 1993, pp. 275-281, vol. 72		

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

of 2

Complete if Known	
Application Number	10/803,609
Filing Date	March 18, 2004
First Named Inventor	Garzon
Art Unit	1645
Examiner Name	Unknown
Attorney Docket Number	44862 / 00002

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	ALTSCHUCH, D. et al., Determination of IgG and IgM Levels in Serum by Rocket Immunoelectrophoresis Using Yolk Antibodies from Immunized Chickens,	
		Journal of Immunological Methods, 1984, pp. 1-7, vol. 69, Elsevier Science Publishers B.V.	
	2	HATTA, H. et al., Passive Immunization Against Dental Plaque Formation in Humans: Effect of a Mouth Rinse Containing Egg Yolk Antibodies (IgY)	
		Specific to Streptococcus mutans, Caries Research, 1997, pp. 268-274, vol. 31, S. Karger AG	
	3	IKEMORI, Y. et al., Protection of Neonatal Calves Against Fatal Enteric Colibacillosis by Administration of Egg Yolk Powder from Hens	
		Immunized with K99-piliated Enterotoxigenic Escherichia coli, American Journal of Veterinary Residency, 1992, pp. 2005-2008, vol. 53, no. 11	
	4	KUROKI, M. et al., Passive Protection Against Bovine Rotavirus in Calves by Specific Immunoglobulins from Chicken Egg Yolk, Archives of Virology, 1994,	
		pp. 143-148, vol. 138, Springer-Verlag, Austria	
	5	LARSSON, A. et al., Chicken Antibodies: A Tool to Avoid False Positive Results by Rheumatoid Factor in Latex Fixation Tests, Journal of Immunological Methods, 1988, pp. 205-208, vol. 108, Elsevier Science Publishers B.V.	

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